

Serial No.: 10/628,320
Preliminary Amendment

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A formulation dispenser comprising:
at least one material reservoir cylinder for containing a material bag;
a supply tube from the reservoir cylinder to a valve;
the aforementioned valve, the valve being controlled by a human/machine interface; and
the valve directing material from a bag in the cylinder sent through the supply tube to a receiving container.
2. (Original) A formulation dispenser as in claim 1 further comprising:
a plurality of material reservoir cylinders each for containing a material bag; and
a supply tube from all of the plurality of material reservoir cylinders to the valve.
3. (Original) A formulation dispenser as in claim 1 further comprising:
an alternate material reservoir container.
4. (Original) A formulation dispenser as in claim 1, the valve further comprising:
a dispense tube;
the valve directing material to the dispense tube before directing the material to a receiving container.
5. (Original) A formulation dispenser as in claim 4 further comprising a dispense valve;
the first-mentioned valve directing material to the dispense valve after the dispense tube and
before the receiving container.

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6. (Original) A formulation dispenser as in claim 5, further comprising a dispense cylinder with a piston, the first-mentioned valve directing material to the dispense cylinder and thence to the dispense tube.
7. (Original) A method of dispensing to create a formulation, utilizing at least one material reservoir cylinder for containing a material bag, a supply tube from the reservoir cylinder to a valve, and the aforementioned valve, comprising:
utilizing the valve to direct material from a bag in the cylinder sent through the supply tube to a receiving container.
8. (Previously Presented) A material bag assembly comprising:
a compressible material bag with an opening and at least one corner, the at least one corner defining a delta seal; and
a bag spout sized to fit to the opening.
9. (New) A formulation dispenser comprising:
at least one material container for containing material to be dispensed,
a pressure responsive valve that will open rollingly to control the flow of material to be dispensed, and
a sensor for detecting the material discharged through the pressure responsive valve.
10. (New) The formulation dispenser of claim 9 further comprising:
a receiving container, and
a scale for detecting the amount of material discharged through the pressure responsive valve.
11. (New) The formulation dispenser of claim 9 further comprising a human/machine interface.

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12. (New) The formulation dispenser of claim 9 wherein the material container further includes a material bag.
13. (New) The formulation dispenser of claim 9 further comprising a piston for pushing material to be dispensed.
14. (New) A formulation dispenser comprising:
at least one material container for containing material to be dispensed,
a pressure responsive valve that will open rollingly to control the flow of material to be dispensed, and
a scale for detecting the material discharged through the pressure responsive valve.
15. (New) The formulation dispenser of claim 14 further comprising:
a receiving container, and
a sensor for detecting the amount of material discharged through the pressure responsive valve.
16. (New) The formulation dispenser of claim 15 further comprising a human/machine interface.
17. (New) The formulation dispenser of claim 14 wherein the material container further includes a material bag.
18. (New) The formulation dispenser of claim 16 further comprising an actuator for pushing material to be dispensed.
19. (New) A formulation dispenser for dispensing material, the dispenser comprising a pressure responsive valve that will open rollingly upon the application of pressure exerted on the material to be dispensed, the valve controlling the flow of material to be dispensed, and the valve closing upon the reduction of pressure exerted on the material.

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20. (New) The formulation dispenser of claim 20 further comprising an actuator for exerting pressure on the material to be dispensed.

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